

SIR GEORGE WILLIAMS COLLEGE
MONTREAL, CANADA

SPACETE BUILDING & FURNISHINGS SERVICE • NATIONAL COUNCIL OF YMCA'S

BUDGET OF SPACE

MONTREAL - CENTRAL YMCA

SIR GEORGE WILLIAMS COLLEGE

SCHEME OF 2-25-53

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NOTE: Figures used in the following table are based on interior room dimensions.

Area required in Space Budget of March 15, 1950	87,768**
Area available in new addition of this scheme	63,723
Area available in existing building	19,157
Total usable area this scheme	82,880*
Necessary cut-back in original budget	4,888

* Included are necessary functions to the operation of an expansion program not taken into account in the original Space Budget.

** This figure has been adjusted to eliminate the locker rooms, check room, and club rooms as indicated in following table.

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 SCHEME OF 2-25-53

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AREA DESIGNATION	Space Budget March 15, 1950			This Scheme Totals		This Scheme Existing Bldg.		This Scheme New Bldg.	
	Occupancy Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
Lecture Theatre (Aud.)	400	1	5,400	1	3,060			1	3,060
Stage*				1	640			1	640
Work shop*				1	432			1	432
Dressing Rooms*				2	108			2	108
Chair Storage*				2	405			2	405
Projector Gallery*				1	330			1	330
Lecture Hall	100	2	1,800	2	2,444			2	2,444
" "	80	2	1,440	2	1,672	2	1,672		
" "	60	5	3,400	5	2,875			5	2,875
Preparation Room*				1	99			1	99
Class Rooms	45	22	17,820	22	13,310	4	3,158	18	10,152
" "	35	10	6,300	2	1,279	2	1,279		
" "	25	10	4,500	4	2,027	4	2,027		
" "	15	5	1,350	3	795	3	795		
Totals		51	42,010	44	29,476		8,931		20,545
<u>Art Department</u>									
Studios		2	1,800	2	2,162			2	2,162
"		2	1,400	2	1,582			2	1,582
"		1	200	1	230			1	230
Office		1	200	1	299			1	299
Storage		2	150	3	164			3	164
Wash-up		1	50	4	168			4	168
Totals			3,800		4,605				4,605

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	Occupancy Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
Commercial Department									
Typewriter Rooms	45	2	1,700	3	1,029	3	1,029) See Norris' con-	
Business Machines		1	500	1	362	1	362	ference of 1-30-53	
	Totals	1/3	2,200	1/4	1,391		1,391		
Psychological Dept.									
Laboratory & Testing	15	1/	350	1	168	1	168) See Norris' con-	
	Totals	1/	350	1/	168		168	ference of 1-30-53	
Biology Department									
Elementary Laboratory	48	1	1,060	1	1,896	Per memo of 2-6-53		1	1,896
Advanced Laboratory	36	1/	760	1/	864			1	864
Faculty Laboratory		1	250	1	287			1	287
Faculty Office		1	250	1	299	decreased to 288 per		1	299
Museum Study	See memos	(1	560	1	299	memo of 2-6-53		1	299
Preparation Storage	of	(1		1	232			1	232
Microscope Room	2-6-53	(1		1	84			1	84
Dark Room	and	(1		1	84			1	84
Animal Room	4-15-52	(2		2	256			2	256
Green House		(1		1	165			1	165
	Totals		2,880		4,466				4,466

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		No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
<u>Chemistry Department</u>									
General Laboratory	75	1	2,250	1	1,800	1	1,800		
Advanced Laboratory	30	1	900	1	978	1	978		
Demonstration Office		1	250	1	288	1	288		
Balance Room		1	100	1	104	1	104		
Textile & Industrial Lab.		1	600	1	816	1	816		
Stock Room		3	300	3	286	3	286		
Apparatus Room		1	100	1	104	1	104		
Faculty Laboratory		1	250	1	299	1	299		
Faculty Office		1	250	1	299	1	299		
	Totals		5,000		4,974				4,974
<u>Physics Department</u>									
General Laboratory	50	1	1,250	1	1,080	1	1,080		
Electrical Laboratory	30	1	800	1	891	1	891		
Advanced Laboratory	20	1	535	1	684	1	684		
" "	10	1	265	1	552	1	552		
Storage Room		1	150	1	156	1	156		
Work Shop		1	100	1	126	1	126		
Faculty Laboratory		1	250	1	299	1	299		
Faculty Office		1	250	1	299	1	299		
Dark Room (As per memo of 2-12-53)		1	98	1	98	1	98		
Power Room*				1	78	1	78		
	Totals		3,698		4,263				4,263

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	Occupancy Each Room	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	
Library		7,000	1	6,077				
Coat Check		Per Norris conf. 1-30-53	1	184				
	Totals	7,000		6,261				
<u>Student Facilities</u>								
Common Common Room	1	1,000	1	1,000			1	1,000
Men's Common Room	1	1,000	1	960			1	960
Women's Common Room	1	800	1	960			1	960
Common Recreation Room	1	1,000	1	1,080			1	1,080
Common Room for Schools	1	1,000	1	390	1	390	(As per Norris conf.	
Club Rooms	3	450	(Share Central Y's Club Rms.)			1-30-53		
Lunch Room	1	1,000	1	1,175			1	1,175
Student Activities Office	4	600	3	560) As per Norris conf.	3	560	
Athletics Office	1	200	3	480) of 1-30-53	3	480	
Examination Office	1	200	1	108		1	108	
Athletic Storage	1	100	1	121		1	121	
	Totals	7,350		6,834	390		6,444	
<u>Administration & Supervision</u>								
Gen. Adm. Office & Wait. Room	1	1,000	1	628	per Norris conf. of	1	628	
Administrative Staff Offices	8	1,600	8	1,360	1-30-53	8	1,360	
Secretaries Offices	4	600	4	640		4	640	
Staff Toilets*			2	150		2	150	
Stenographers Pool	1	400	1	275	per Norris conf. of	1	275	
Stationery Store	1	150)			1-30-53			
Book Store	1	800)	1	972		1	972	

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	Occupancy Each Room	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	
<u>Administration & Supervision - Cont.</u>								
Book Storage	1	150	1	190			1	190
Shipping & Receiving	1	150	2	522			2	522
Superintendent's Office*			1	100			1	100
Counsellors Offices	4	600	3	429	As per Norris	(3	429	
" Library			1	110		(1	110	
" Testing			1	109	conference	(1	109	
" Interviewing			2	135		(2	135	
" Storage			1	23	of 1-30-53	(1	23	
Faculty Room	1	900	1	936		1	936	
Faculty Offices	16	2,400	16	2,775		16	2,775	
Women's Staff Room	1	600	1	648		1	648	
Faculty Reading Room	1	600	1	624		1	624	
Faculty Toilets	2	330	2	417		2	417	
Mimeograph Room	1	150	1	184		1	184	
Records Office	1	200	2	804	As per Norris conf. of 1-30-53	2	804	
First Aid	1	100	1	160		1	160	
Alumni Exec. Office	1	200	1	195		1	195	
Conference Room	1	200	1	195		1	195	
Schools Offices	3	700	6	800	6	800	(As per Norris conf.	
Audio-Visual Eq. Room	1	100	1	153	1	153	of 1-30-53)	
Totals		11,930	13,534		953		12,581	

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	Occupancy Each Room	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	No. Sq. Ft.	
<u>General Facilities</u>								
Men's Locker Room	1	2,000)						
Women's Locker Room	1	2,000)	Lockers in corridor wells.					
Check Room	1	1,000	- in library only					
Entrance Lobby	1	2,000	1	1,434			1	1,434
Auditorium Gallery*			1	720			1	720
	Totals		7,000		2,154			2,154
<u>Physical Facilities</u>								
Women's Locker Room*	Totals		1	1,063	1	1,063		
<u>Miscellaneous Facilities</u>								
Boiler & Mech. Equip.		1	1,500				1	1,500
Pipe Fitting Shop		1	837				1	837
Carpentry Shop		1	780				1	780
House Storage		1	276				1	276
Helps Toilets		1	228				1	228
Waste Storage		1	70				1	70
	Totals			3,691				3,691
GRAND TOTALS		93,218		82,880		19,157		63,723
		87,768*						